**APP.COMPONENT.HTML:**

<form [formGroup]="employeeForm" (ngSubmit)="onSubmit()">

  <label>Name:</label>

  <input type="text" formControlName="name">

  <div \*ngIf="employeeForm.get('name')?.errors?.hasOwnProperty('pattern') && employeeForm.get('name')?.touched">

    Name must contain only characters.

  </div>

  <label>Designation:</label>

  <input type="text" formControlName="designation">

  <label>Gender:</label>

  <select formControlName="gender">

    <option value="">Select Gender</option>

    <option value="male">Male</option>

    <option value="female">Female</option>

  </select>

  <label>Email:</label>

  <input type="email" formControlName="email">

  <div \*ngIf="employeeForm.get('email')?.errors?.hasOwnProperty('email') && employeeForm.get('email')?.touched">

    Invalid email format.

  </div>

  <label>City:</label>

  <select formControlName="city">

    <option value="">Select City</option>

    <!-- Add city options here -->

  </select>

  <label>Mobile Number:</label>

  <input type="text" formControlName="mobileNumber">

  <div \*ngIf="employeeForm.get('mobileNumber')?.errors?.hasOwnProperty('pattern') && employeeForm.get('mobileNumber')?.touched">

    Mobile number must contain only 10 digits.

  </div>

  <button type="submit" [disabled]="!employeeForm.valid">Submit</button>

</form>

**APP.COMPONENT.TS:**

import { Component, OnInit } from '@angular/core';

import { FormBuilder, FormGroup, Validators } from '@angular/forms';

@Component({

  selector: 'app-root',

  templateUrl: './app.component.html',

  styleUrls: ['./app.component.css']

})

export class AppComponent implements OnInit {

  employeeForm!: FormGroup; // Note the '!' to indicate it will be initialized later

  constructor(private fb: FormBuilder) { }

  ngOnInit(): void {

    this.employeeForm = this.fb.group({

      name: ['', [Validators.required, Validators.pattern('[a-zA-Z ]\*')]],

      designation: ['', Validators.required],

      gender: ['', Validators.required],

      email: ['', [Validators.required, Validators.email]],

      city: ['', Validators.required],

      mobileNumber: ['', [Validators.required, Validators.pattern('^[0-9]{10}$')]]

    });

  }

  onSubmit() {

    if (this.employeeForm.valid) {

      // Process the form data here

      console.log(this.employeeForm.value);

    } else {

      // Form is invalid

    }

  }

}

